

April 12, 1995

May 17 30 PH S Joseph J. Nowak New Jersey Department of Environmental Protection Bureau of Environmental Evaluation and Cleanup Responsibility Assessment 401 East State Street Trenton, NJ 08625

SUBJ: Hexcel Corporation Lodi Borough, Bergen County, New Jersey ISRA Case No. 86009

Dear Mr. Nowak:

On behalf of Hexcel Corporation (Hexcel), the following is the progress report of activities carried out during January, February and March of 1995. This quarterly report is submitted in accordance with the Industrial Site Recovery Act (ISRA) requirements for the former Hexcel facility in Lodi, New Jersey.

Please note that we responded to the September 15, 1994 letter from the New Jersey Department of Environmental Protection (NJDEP) in our letters dated September 30, 1994 and October 24, 1994. We are still awaiting a response from the NJDEP to the proposals provided in those letters. In the interim, we have proceeded in accordance with those proposals.

The following topics are discussed in this progress report:

- 1. Ground Water/DNAPL/LNAPL Monitoring
- 2. DNAPL Recovery
- 3. LNAPL Recovery
- 4. Treatment of Basement Seepage Water
- 5. Sewer Connection
- 6. Investigation of Off-Site Wells
- 7. Soil Investigation
- 8. Waste Disposal Documentation
- 9. Schedule

1. Ground Water/DNAPL/LNAPL Monitoring

In this section, we report the results of our monitoring done in January, February and March 1995, and present modifications to the proposed monitoring plan.

On January 9, 1995, Hexcel conducted quarterly ground water elevation, DNAPL and LNAPL monitoring in accordance with the proposed monitoring plan. Monitoring results are provided in Table 1. Figures 1 and 2 illustrate shallow and deep ground water elevation contours, respectively. Contour Map Reporting forms are enclosed for each of the contour maps. Figures 1 and 2 and the reporting forms are located in Appendix A.

On February 17, 1995, and March 14, 1995, Hexcel conducted monthly DNAPL and LNAPL monitoring in accordance with the proposed monitoring plan. Results are provided in Table 2.

Criteria for modifying the DNAPL and LNAPL plans were presented in our October 24, 1994 letter. We have implemented the two plans in the absence of having received a response from the NJDEP. Accordingly, this quarter we have made two modifications to the proposed DNAPL and LNAPL monitoring plans:

- RW1-1: Shifted from quarterly to monthly LNAPL monitoring after trace LNAPL was detected during January 1995 quarterly monitoring.
- P-2: Shifted from monthly to quarterly LNAPL monitoring after three consecutive rounds of non-detected product (December 1994, January and February 1995).

2. DNAPL Recovery

A temporary DNAPL recovery program, consisting of manually recovering product from affected wells on a weekly basis, was initiated on October 20, 1994. After one month, the program's frequency was reduced to twice a month due to a reduction in the quantity of product recovered. Product recovery continued at the rate of at least twice a month through the first quarter of 1995. Results are summarized in Table 3.

As we stated in our last progress report, MW-6 is the only well at the facility consistently containing recoverable quantities of DNAPL. Quarterly and monthly DNAPL monitoring during the first quarter of 1995 indicated the potential for product recovery at wells RW7-1 and MW-26; however, at both wells only minute quantities of product could be recovered. Hexcel will continue to remove DNAPL from MW-6 and any other wells where recoverable quantities of DNAPL are present.



3. LNAPL Recovery

LNAPL recovery at CW-7 is continuing in accordance with our October 24, 1994 letter. The passive free product recovery device positioned in the well has collected approximately 0.4 gallons of LNAPL since October 20, 1994. The device is checked twice a month to adjust its depth to reflect fluctuations in ground water elevation and to drain recovered product. A summary of LNAPL product collection is included in Table 3.

4. Treatment of Basement Seepage Water

Basement seepage water continues to be treated on-site and is being disposed of off-site at the DuPont Chambers Works facility, Deepwater, New Jersey. Disposal documentation has been attached as Appendix B.

5. Sewer Connection

A stream-encroachment permit application has been submitted to the NJDEP and has been assigned NJDEP application number 0231-95-0001.1. The NJDEP's review period began March 16, 1995, and a 30-day response time is anticipated. We currently estimate that the permit will be received in late April, construction will begin in early May, and we will be ready to discharge to the sewer line in late May.

6. Investigation of Off-Site Wells

As reported in our October 24, 1994 letter, ground water sampling across the Saddle River may not be necessary if sampling data are available from existing monitoring wells across the river. In pursuit of such data, we have obtained the following file reviews for properties located across the Saddle River from the former Hexcel facility:

Agency	Completed
Bergen County Department of Health Services	1/17/95
Office of Site Assessment, NJDEP, Trenton	1/18/95
NJDEP, Metro Field Operations	2/22/95

None of the file reviews turned up any monitoring well information. Therefore, we will next approach the property owner best located for a sampling point. We will request of them copies of any data they may have obtained in the past from wells, if any, on their property. If they have no such data, we will request access to their property for the drilling of a Geoprobe boring.



7. Soil Investigations

At this stage we feel that a soil gas survey and soil remediation are premature and better scheduled and evaluated after full ground water remediation is underway. There is, however, a need to further investigate the soil stratigraphy at the site for better understanding of how best to achieve the soil remediation. Thus, a sequence of borings is being scheduled concurrently with the hydraulic testing for the ground water remedial system. This planned investigation is reflected in the schedule estimates indicated in Table 4.

8. Waste Disposal Documentation

Enclosed as Appendix B are manifests and a summary table for waste disposal during January, February and March 1995.

9. Schedule

Table 4 presents an updated estimate of the schedule of remaining remedial activities.

We will continue to provide quarterly progress reports in accordance with ISRA requirements. Please call if you have any questions or need additional information.

Sincerely,

GEO ENGINEERING, INC.

Marjorie A. Piette Project Manager

MAP/avm enclosures

cc

A. William Nosil Lisa Bromberg, Esq. James Higdon



SUMMARY OF QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/9/95)

Former Hexcel Facility Lodi, New Jersey GEO Engineering, Inc. April 1995

File: 94039/wlevels.xls

-All measurements in feet -All elevations in feet (NGVD)-

Well ID	Туре	Depth to	Depth to	Product	Product	Depth to	Elevation	Water	W	ell Constru	ection (all 4" diameter unless otherwise noted)
		Water	DNAPL	LNAPL	Thickness	Bottom	Top of Casing**	Elevation	Туре	Casing	Comments
W Series:	·										
RW1-1	shall.	6.59 *	ND	ND		14.26	28.38	21.79	flush	s.steel	Product droplets on probe
RW6-1	shall.			· • • • • • • • • • • • • • • • • • • •			28.84		flush	s.steel	Well not accessible due to drum storage
RW6-2	shall.	4.63	ND	ND		14.78	29.34	24.71	flush	s.steel	Well resurveyed by GEO
RW6-3	shall.			*******************************		••••••	28.72		flush	s.steel	Well resurveyed by GEO Well not included in quarterly monitoring plan
RW7-1	shall.	5.88	16.42	ND	0.21	16.63	26.25	20.37	flush	s.steel	Trace product on probe; resurveyed by Boswell
RW7-2	shall.	6.24	ND	ND		16.84	26.48	20.24	flush	s.steel	
RW7-3	shall.	6.50	ND	ND		17.30	26.78	20.28	flush	s.steel	
RW7-4	shall.	6.82	ND	ND		19.06	27.11	20.29	flush	s.steel	Trace product/sediment on probe
RW7-5	shall.	7.39	ND	ND	<u> </u>	19.33	27.57	20.18	flush	s.stcel	
RW7-6	shall.	6.74	ND	ND		15.00	26.48	19.74	flush	s.steel	
RW7-7	shall.	6.85	ND	ND		14.95	26.89	20.04	flush	s.steel	
RW7-8	shall.	5.76	ND	ND		14.99	25.90	20.14	flush	s.steel	
RW7-9	shall.	6.85	ND	ND		16.16	26.87	20.02	flush	s.steel	
RW7-10	shall.	7.35	ND	ND		14.16	26.10	18.75	flush	s.steel	Resurveyed by GEO
RW15-1	shall.	7.30	ND	ND		14.90	28.89	21.59	flush	s.steel	
RW15-2	shall.						30.13		flush	s.steel	Well not included in quarterly monitoring plan
Series:		ļ									
P-1	shall.	6.10 *	ND	ND		9.07	30.06	23.96	flush	2" pvc	
P-2	shall.	7.90	ND	ND	I	12.30	30.06	22.16	flush	2" pvc	

SUMMARY OF QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/9/95)

Former Hexcel Facility

Lodi, New Jersey

GEO Engineering, Inc.

April 1995

File: 94039/wlevels.xls

-All measurements in feet -All elevations in feet (NGVD)-

Well ID	Type	Depth to	Depth to	Product	Product	Depth to	Elevation	Water	We	ll Constru	ction (all 4" diameter unless otherwise noted)
		Water	DNAPL	LNAPL	Thickness	Bottom	Top of Casing**	Elevation	Туре	Casing	Comments
W Series:				70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							
CW-1	shall.	6.98	ND	ND		7.46	29.77	22.79	flush	s.steel	
CW-2	shall.						29.51		flush	s.steel	Well not included in quarterly monitoring plan
CW-3	recov.		<u></u>	÷		****************	29.72		flush	s.steel	Well not included in quarterly monitoring plan
CW-4	shall.	6.04	ND	ND		10.98	29.00	22.96	flush	s.steel	
CW-5	recov.			ļ <u>.</u>			28.67	•••••	flush	s.steel	Well not included in quarterly monitoring plan
CW-6	shall.					***************************************	28.93		flush	s.steel	Well not included in quarterly monitoring plan
CW-7	shall.	7.13	ND	ND		14.00	26.13	19.00	flush	**************	Product on probe
CW-8	shall.	8.11	ND	ND	1	13.92	26.77	18.66	flush	s.steel	
CW-9	recov.			7			26.37		flush	s.steel	Well not included in quarterly monitoring plan
CW-10	shall.	6.74	ND	ND		10.24	25.91	19.17	flush	s.steel	
CW-11	recov.			<u></u>			25.74	,	vaultbox	s.steel	Well not included in quarterly monitoring plar
CW-12	shall.	6.96	ND	ND	***************************************	13.98	25.71	18.75	flush	s.steel	Trace product on probe
CW-13	shall.					***************************************	26.05		flush	s.steel	Well not included in quarterly monitoring plan
CW-14	shall.	7.54	ND	ND		13.90	26.37	18.83	flush	s.steel	
CW-15	recov.					***************************************	26.31		flush	s.steel	Well not included in quarterly monitoring plan
CW-16	shall.	7.22	ND	ND		13.93	26.45	19.23	flush	s.steel	Product on probe
CW-17	shall.	6.71	ND	ND		13.96	26.25	19.54	flush	s.steel	
CW-18	shall.]]	:			26.61		flush	s.steel	Well not included in quarterly monitoring plan
CW-19	recov.	***************************************	<u> </u>			***************************************	26.50		flush	s.steel	Well not included in quarterly monitoring plan
CW-20	shall.					******************	26.74		flush	s.steel	Well not included in quarterly monitoring plan
CW-21	recov.		ļ,			***************************************	26.77		flush	s.stcel	Well not included in quarterly monitoring plan
CW-22	shall.	·····		:	1	***************************************	26.35		flush	s.steel	Well not included in quarterly monitoring plan

SUMMARY OF QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/9/95)

Former Hexcel Facility

Lodi, New Jersey

GEO Engineering, Inc.

April 1995

File: 94039/wlevels.xls

-All measurements in feet -All elevations in feet (NGVD)-

Well ID	Туре	Depth to	Depth to	Product	Product	Depth to	Elevation	Water	We	ll Constru	ction (all 4" diameter unless otherwise noted)
<u> </u>		Water	DNAPL	LNAPL	Thickness	Bottom	Top of Casing**	Elevation	Туре	Casing	Comments
IW Series:				### ## ## ## ## ## ## ## ## ## ## ## ##			[[
MW-	1 deep	10.00	ND	ND		23.52	32.42	22.42	stickup	pvc	
MW-	2 shall.	8.56	ND	ND		10.26	31.00	22.44	stickup	pvc	
MW-	3 deep	10.34	ND	ND		30.74	31.13	20.79	stickup	pvc	
MW-	4 shall.	7.85	ND	ND		9.88	32.33	24.48	stickup	pvc	Resurveyed by GEO
MW-	5 deep	11.30	ND	ND		28.30	32.54	21.24	stickup	pvc	Resurveyed by GEO
- MW-	6 shall.	10.07	18.17	ND	0.14	18.31	30.74	20.67	stickup	pvc	Product on probe; resurveyed by GEO
MW-	7 deep	9.69	ND	ND		32.90	30.68	20.99	stickup	pvc	**************************************
MW-	***************************************	11.46	ND	ND		17.35	30.26	18.80	stickup	pvc	Trace product on probe
MW-	9 deep	8.84	ND	ND		29.56	29.83	20.99	stickup	pvc	
MW-	O shall.	12.31	ND	ND		16.76	30.83	18.52	stickup	pvc	
MW-	1 deep	10.04	ND	ND		33.68	30.78	20.74	stickup	pvc	
MW-	2 shall.	10.45	ND	ND		16.96	31.01	20.56	stickup	pvc	**************************************
MW-1	3 deep	9.75	ND	ND		33.08	31.16	21.41	stickup	pvc	**************************************
MW-	***************************************	11.13	ND	ND]	15.61	30.70	19.57	stickup	pvc	
MW-	5 deep	8.90	ND	ND		25.60	30.77	21.87	stickup	pvc	
MW-1	6 shall.	7.21	ND	ND		12.58	29.69	22.48	stickup	pvc	
MW-1	7 shall.	9.20	ND	ND		14.09	31.53	22.33	flush	pvc	
MW-1	8 shall.	9.52	ND	ND		11.32	32.23	22.71	stickup	pvc	
MW-	9 deep	7.14	ND	ND	1	26.59	29.08	21.94	stickup	pvc	
MW-2		4.95	ND	ND]	20.06	27.95	23.00	flush	pvc	

SUMMARY OF QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/9/95)

Former Hexcel Facility

Lodi, New Jersey

GEO Engineering, Inc.

April 1995

File: 94039/wlevels.xls

-All measurements in feet -All elevations in feet (NGVD)-

1	Well ID	Туре	Depth to	Depth to	Product	Product	Depth to	Elevation	Water	We	ll Constru	ction (all 4" diameter unless otherwise noted)
. <u>-</u>			Water	DNAPL		Thickness	Bottom	Top of Casing**	Elevation	Туре	Casing	Comments
иw	Series:						 					
. [MW-21	shall.	8.69	ND	ND		15.12	30.67	21.98	stickup	pvc	
į	MW-22	shall.	5.88	ND	ND		8.22	28.45	22.57	flush	pvc	Resurveyed by Boswell
	MW-23	shall.	5.00	ND	ND		9.66	27.51	22.51	flush	pvc	Resurveyed by Boswell
	MW-24	shall.	4.28	ND	ND		9.47	26.51	22.23	flush	pvc	Resurveyed by Boswell
	MW-25	shall.	7.23	ND	ND		12.73	26.03	18.80	flush	pvc	
	MW-26	deep	7.41	ND	ND	••••••	17.91	28.85	21.44	flush	2" pvc	Trace product on probe; resurveyed by Boswell
	MW-27	shall.	6.98	ND	ND		12.50	31.43	24.45	stickup	pvc	
	MW-28	shall.	10.25	ND	ND		14.82	29.68	19.43	stickup	pvc	
	MW-29	shall.	4.74	ND	ND		9.85	27.32	22.58	flush	pvc	Resurveyed by GEO
	MW-30	shall.	5.84	ND	ND		10.48	28.08	22.24	flush	pvc	Resurveyed by GEO
	MW-31	shall.	5.56	ND	ND		10.56	27.95	22.39	flush	pvc	
	MW-32	shall.	9.97	ND	ND		11.26	32.51	22.54	stickup	pvc	Resurveyed by GEO
	MW-33	shall.	9.82	ND	ND		16.99	31.72	21.90	stickup	pvc	

NOTES:

ND - Not detected.

- * Depth to water measurement believed to be incorrect and therefore not included in ground water elevation contour calculations.
- ** Well casing elevations changed at MW-22, MW-23, MW-24, MW-26 and RW7-1. The casing elevations were changed due to renovations of the well's surface protection. A licensed surveyor from Boswell Engineering has resurveyed the wells and the new casing elevations are indicated. Several additional wells were surveyed by GEO Engineering and there were differences from the previous top of casing elevations. The new casing elevations have been indicated and GEO will evaluate the need for a licensed surveyor to survey the wells during well renovations planned for this summer.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) - (Product thickness * specific gravity). Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).

TABLE 2: SUMMARY OF MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS

Former Hexcel Facility

Lodi, New Jersey

-All measurements in feet -All elevations in feet (NGVD)-

GEO Engineering, Inc.

April 1995

File: 94039/wlevels.xls

V	Vell ID	Туре	Depth to Water	Depth to Product DNAPL LNAPL		Product Thickness	Depth to Bottom	Elevation Top of Casing	Water Elevation	Comments
1onth	ıly									
2/17/9	95)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************		go	,	P**********		p,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ļ	RW7-4	shallow	7.17	*****************			19.06	27.11	19.94	Trace product on probe
<u>.</u>	CW-7	shallow	7.26 *	***************************************	7.26	0.04	13.98	26.13	18.87	Measured DTW is 7.30; product on probe
ļ	CW-16	shallow	7.38	***************************************			13.92	26.45	19.07	
<u></u>	MW-6	shallow	10.13	18.19	<u> </u>	0.11	18.30	30.70	20.57	Trace product on probe
į	MW-8	shallow	11.53	***************************************			17.36	30.26	18.73	Trace product on probe
<u></u>	MW-26	deep	7.43	17.68		0.23	17.91	28.88	21.45	~ 1" DNAPL in clear bailer
	RW6-1	shallow						28.84		No measurement; well inaccessible
	RW7-1	shallow	5.94	16.54		0.12	16.66	26.49	20.55	Trace product on probe; 1" DNAPL in clear bailer
	CW-17	shallow	6.79				13.96	26.25	19.46	
	CW-12	shallow						25.71		No measurement; well inaccessible
	P-2	shallow	8.07				12.28	30.06	21.99	
	RW1-1	shallow	5.59				14.26	28.38	22.79	
Month 3/1 <u>4/</u>	95)	4	p	***************************************	÷,	·	***************************************	~ ······	1	······································
ļ	RW7-4	shallow	6.91	************			19.11	27.11	20.20	Product on probe
<u></u>	CW-7	shallow	7.11 *		7.11	0.02	14.00	26.13	19.02	Measured DTW is 7.13; product on probe
ļ	CW-16	shallow	7.36	***************************************			13.94	26.45	19.09	Trace product on probe
<u></u>	MW-6	shallow	10.01	18.25	,	0.05	18.30	30.70	20.69	Trace product on probe
ļ	MW-8	shallow	11.48				17.37	30.26	18.78	Trace product on probe
ļ	MW-26	deep	7.43		· · · · · · · · · · · · · · · · · · ·		17.93	28.88	21.45	Trace product on probe
,	RW6-1	shallow		***************************************				28.84	***************************************	No measurement; well inaccessible
<u>.</u>	RW7-1	shallow	5.74	16.50	<u> </u>	0.14	16.64	26.49	20.75	Trace product on probe
ļ	CW-17	shallow	6.74	***************************************			13.97	26.25	19.51	***************************************
	CW-12	shallow	6.86		<u> </u>		14.00	25.71	18.85	Product on probe
ž		shallow	8.86		•		14.34	28.38	19.52	Product on probe

NOTES: - Not detected.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

^{* -} In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) - (Product thickness * specific gravity).

Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).

TABLE 3:

SUMMARY OF PRODUCT COLLECTION

Former Hexcel Facility Lodi, New Jersey GEO Engineering, Inc.

April 1995

File: 94039\tables\prodcol2.xls

All Quantities Expressed in Gallons

DATE	MW-6 (DNAPL)	MW-8 (DNAPL)	MW-26 (DNAPL)	RW7-1 (DNAPL)	RW7-4 (DNAPL)	CW-12 (DNAPL)	CW-16 (DNAPL)	CW-7 (LNAPL)	TOTAL VOLUME RECOVERED
1/6/95	0.25				***************************************			0.02	l
. 1/16/95	0.25	************************		0.02	*******************************	**********************	**********************	0.02	
1/30/95	0.38	######################################		***************				0.02	
2/17/95	0.23	4==*************************	0.03	0.02				0.05	
2/27/95	0.06	*************************	trace		*******************************			0.02	
3/14/95	0.25			trace				0.02	
3/20/95 *	0.13		<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,] ▼
3/28/95	0.06							0.02	
TOTAL VOLUME RECOVERED, 1st QUARTER, 1995	1.61	0.00	0.03	0.04	0.00	0.00	0.00	0.17	1.85
TOTAL VOLUME RECOVERED, 10/94 - 12/94	2.97	1.01	0.15	0.00	0.03	0.76	0.26	0.27	5.45
TOTAL VOLUME RECOVERED	4.58	1.01	0.18	0.04	0.03	0.76	0.26	0.44	7.30

Trace quantities not included in totals

Notes:	*	Product recovery on 3/20/95 was performed above and beyond the frequency specified in the proposed recovery plan and
		was only performed at MW-6.
		Blank cell indicates well not included in recovery round because monitoring did not indicate the presence of recoverable product

GEO Engineering, Inc. April, 1995

file: 94039\sched2.xls

1995

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TASK DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		<u> </u>	1	·	<u> </u>			· ·	r —			
GROUND WATER REMEDIATION												
DNAPL/LNAPL recovery (temporary)												
Recover water from basement Bldg. 1												
Obtain permits for sewer construction												
Stream-encroachment permit												
Local permits												
Construct new sewer line			ļ				ļ					
Conduct testing	<u> </u>					000000000000	<u> </u>		ļ			
-Conduct hydraulic testing	<u> </u>			ļ				<u> </u>	<u> </u>	<u> </u>		
Pilot test of recovery system			ļ	ļ	ļ				ļ	ļ		<u> </u>
-Test ground water off-site							 	 	<u> </u>			<u> </u>
Obtain off-site access or data							000000000000000000000000000000000000000	000000000000	300000000000000000000000000000000000000			
Modify ground water recovery system	<u> </u>	ļ	ļ			 -				70000000000000000000000000000000000000	0000000000000	
Install permanent recovery system		ļ							-			
Operate and maintain recovery system		-	ļ			ļ <u>.</u>		ļ		ļ		
Evaluate need for DNAPL barrier	 -	<u> </u>				 	<u> </u>		ļ			
Bedrock ground water invest. (MW-1)						-		<u> </u>				
CLEANING OF SEWER LINE												
Cleanout/abandonment of sewer line												
Collect samples (and lab. analysis)			·									
Disposal of sludge/debris										<u> </u>		<u> </u>
SOIL REMEDIATION												
Soil investigation												
Prepare soil investigation rpt./work plan												
NJDEPE review of work plan											.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Conduct pilot test (incl. lab. analysis)												
Design air sparging/vapor ext. system												
Obtain permits			L									
Install soil remediation system												
Operate and maintain system						ļ						
SEDIMENT SAMPLING												
Collect samples (and lab. analysis)										 		
REPORTING												
Prepare quarterly progress reports						†			 			
Prepare report of sediment sampling						 		 			-	
Prepare final report	-			•				 		 		†
NJDEPE review and site inspection										\vdash	 	
Case closure			-									<u> </u>

TABLE 4. ESTIMATED SCHEDULE OF REMAINING REMEDIAL ACTIVITIES Former Hexcel Facility Lodi, New Jersey

GEO Engineering, Inc. April, 1995 file: 94039\sched2.xls

p												
TASK DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
GROUND WATER REMEDIATION												
DNAPL/LNAPL recovery (temporary)												
Recover water from basement Bldg. 1												
Obtain permits for sewer construction												
Stream-encroachment permit												
-Local permits			<u> </u>	L								
Construct new sewer line	<u> </u>	<u> </u>	<u> </u>					L				
Conduct testing	<u> </u>								<u> </u>		L	<u> </u>
Conduct hydraulic testing	—		ļ	 				<u> </u>				
-Pilot test of recovery system	 	<u> </u>	<u> </u>									
-Test ground water off-site	<u> </u>	<u> </u>	<u> </u>									ļ
Obtain off-site access or data	<u> </u>		<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>		<u> </u>	
Modify ground water recovery system	ļ		ļ			<u> </u>					<u> </u>	ļ
Install permanent recovery system	************						************					
Operate and maintain recovery system												
Evaluate need for DNAPL barrier		***********							ļ			ļ
Bedrock ground water invest. (MW-1)									ļ		_	 -
CLEANING OF SEWER LINE												
Cleanout/abandonment of sewer line												
Collect samples (and lab. analysis)												
Disposal of sludge/debris												
SOIL REMEDIATION												
Soil investigation												
Prepare soil investigation rpt./work plan												
NJDEPE review of work plan			·									
Conduct pilot test (incl. lab. analysis)												
Design air sparging/vapor ext. system												
Obtain permits												
Install soil remediation system	1											
Operate and maintain system												
SEDIMENT SAMPLING												
Collect samples (and lab. analysis)												
REPORTING		L										
Prepare quarterly progress reports												
Prepare report of sediment sampling												
Prepare final report												
NJDEPE review and site inspection												
Case closure								I				

TABLE 4. ESTIMATED SCHEDULE OF REMAINING REMEDIAL ACTIVITIES Former Hexcel Facility Lodi, New Jersey

GEO Engineering, Inc. April, 1995 file: 94039\sched2.xls

TASK DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
GROUND WATER REMEDIATION												
DNAPL/LNAPL recovery (temporary)												
Recover water from basement Bldg. 1							<u> </u>					
Obtain permits for sewer construction										<u> </u>		
Stream-encroachment permit			ļ	ļ								
-Local permits	ļ	<u> </u>	ļ			L						
Construct new sewer line	<u> </u>								<u> </u>			
Conduct testing							ļ		<u> </u>		<u> </u>	
-Conduct hydraulic testing		<u> </u>	<u> </u>	<u> </u>							<u> </u>	
Pilot test of recovery system			ļ	<u> </u>	ļ							
-Test ground water off-site												
Obtain off-site access or data	ļ				<u> </u>	ļ	<u></u>					
Modify ground water recovery system	 -	 	├ ──	ļ			ļ					
Install permanent recovery system					**********		************	900000000000	200000000000000000000000000000000000000		*******************************	***********
Operate and maintain recovery system												
Evaluate need for DNAPL barrier		<u> </u>		 	 					 		
Bedrock ground water invest. (MW-1)				ļ						<u> </u>		
CLEANING OF SEWER LINE												
Cleanout/abandonment of sewer line												
Collect samples (and lab. analysis)												
Disposal of sludge/debris					ļ							
SOIL REMEDIATION												
Soil investigation												
Prepare soil investigation rpt./work plan												
NJDEPE review of work plan												
Conduct pilot test (incl. lab. analysis)												
Design air sparging/vapor ext. system												
Obtain permits		L										
Install soil remediation system												
Operate and maintain system												
SEDIMENT SAMPLING			ļ									
Collect samples (and lab. analysis)												
REPORTING												
Prepare quarterly progress reports												
Prepare report of sediment sampling	I									L		
Prepare final report												
NJDEPE review and site inspection												
Case closure						****						

TABLE 4. ESTIMATED SCHEDULE OF REMAINING REMEDIAL ACTIVITIES Former Hexcel Facility Lodi, New Jersey

GEO Engineering, Inc. April, 1995 file: 94039\sched2.xls

TASK DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
GROUND WATER REMEDIATION												
DNAPL/LNAPL recovery (temporary)	1						 	-			 	
Recover water from basement Bldg. 1	 											
Obtain permits for sewer construction												
-Stream-encroachment permit												
-Local permits												
Construct new sewer line												
Conduct testing												
Conduct hydraulic testing		<u> </u>						<u> </u>				
Pilot test of recovery system	 	<u> </u>		<u> </u>	<u> </u>	L	<u> </u>	l	<u> </u>	<u> </u>		L
-Test ground water off-site	ļ	<u> </u>		<u> </u>				<u> </u>	<u> </u>		<u> </u>	
-Obtain off-site access or data	}				<u> </u>			 				
Modify ground water recovery system	<u> </u>	<u> </u>	<u> </u>	ļ								
Install permanent recovery system	***********		000000000000000000000000000000000000000	************	************	000000000000000000000000000000000000000	800000000000	000000000000000000000000000000000000000	**********	***********	***********	
Operate and maintain recovery system												ļ
Evaluate need for DNAPL barrier	-	 -					 _					
Bedrock ground water invest. (MW-1)			ļ		<u> </u>			ļ				<u> </u>
CLEANING OF SEWER LINE												
Cleanout/abandonment of sewer line												
Collect samples (and lab. analysis)												
Disposal of sludge/debris								<u> </u>				
SOIL REMEDIATION												
Soil investigation				· · · · · · · · · · · · · · · · · · ·								
Prepare soil investigation rpt./work plan												
NJDEPE review of work plan												
Conduct pilot test (incl. lab. analysis)												
Design air sparging/vapor ext. system												
Obtain permits			<u> </u>					<u></u>				<u> </u>
Install soil remediation system												
Operate and maintain system												L
SEDIMENT SAMPLING												
Collect samples (and lab. analysis)												
REPORTING			·									
Prepare quarterly progress reports			 									
Prepare report of sediment sampling					<u> </u>			<u> </u>				
Prepare final report												
NJDEPE review and site inspection												
Case closure												

GEO Engineering, Inc. April, 1995

file: 94039\sched2.xls

							·····				-	
TASK DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12
GROUND WATER REMEDIATION												
DNAPL/LNAPL recovery (temporary)												
Recover water from basement Bldg. 1												
Obtain permits for sewer construction	<u> </u>											
Stream-encroachment permit												
Local permits	<u> </u>											
Construct new sewer line												
Conduct testing		ļ			<u> </u>		<u> </u>					
-Conduct hydraulic testing		<u> </u>										
Pilot test of recovery system	<u> </u>	<u> </u>	<u> </u>	L								
-Test ground water off-site	<u> </u>		<u> </u>		<u> </u>				<u> </u>			
Obtain off-site access or data	L				<u> </u>							
Modify ground water recovery system	L		L	<u> </u>			ļ			ļ		
Install permanent recovery system			<u> </u>									
Operate and maintain recovery system	L	<u> </u>				L						
Evaluate need for DNAPL barrier	<u> </u>			<u> </u>			 					
Bedrock ground water invest. (MW-1)				<u> </u>								
CLEANING OF SEWER LINE												
Cleanout/abandonment of sewer line												
Collect samples (and lab. analysis)	<u>L</u>						<u> </u>					
Disposal of sludge/debris												
SOIL REMEDIATION												
Soil investigation												
Prepare soil investigation rpt./work plan												
NJDEPE review of work plan												
Conduct pilot test (incl. lab. analysis)												
Design air sparging/vapor ext. system		·										
Obtain permits				<u> </u>				<u> </u>				
Install soil remediation system						ļ	<u> </u>					
Operate and maintain system												
SEDIMENT SAMPLING												
Collect samples (and lab. analysis)												
REPORTING												
Prepare quarterly progress reports			 			\vdash	 	 	 			
Prepare report of sediment sampling			<u> </u>	 			 	 	 			
Prepare final report							1	 		 		
NJDEPE review and site inspection						 	 	 	1	 		
Case closure						 	 	 	 	 	 	
	<u> </u>	L	<u> </u>			 	 		L	<u> </u>	<u> </u>	<u> </u>

Appendix A

Contour Map Reporting Form

• • • • • • • • • • • • • • • • • • • •		Figure No. (with contours): File: \tables\wldata\contours.d			
1.	Did any surveyed well casing elevations change from the previous If yes, attach new "Well Certification -Form B" and identify the rechange (damage to casing, installation of recovery system in monitorial contents of the covery system in monitorial contents."	eason for the elevation	⊠Yes ∐No		
	Well casing elevations changed at MW-22, MW-23, MW-24, and elevations changed due to renovations of the well's surface protections.	•			
2.	Are there any monitor wells in unconfined aquifers in which the w higher than the top of the well screen? If yes, identify these wells.	ater table elevation is	□Yes □No		
	Top of screen elevations are not known for some wells since the verto our involvement with the project. We are currently researching	-			
3.	Are there any monitor wells present at the site but omitted from the Unless the omission of the well(s) has been previously approved by the omissions.	-	⊠Yes □No		
	See October 24, 1994 progress report for justification of wells ch	osen for contouring.			
4.	Are there any monitor wells containing separate phase product dur	ing this measuring event?	⊠Yes □No		
	Were any of the monitor wells with separate phase product include contour map? If yes show the formula used to correct the water table elevation.	ed in the ground water	⊠Yes □No		
	DTW (corrected) = DTW (measured) - (Product thickness * specific gravity of 0.88 used for water level correction (petroleum				
5.	Has the ground water flow direction changed more than 45 degree ground water contour map? If yes, discuss the reasons for the change.	es from the previous	∐Yes ⊠No		
6.	Has ground water mounding and/or depressions been identified in contour map?	the ground water	⊠Yes		

	Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.	∐No
	It is not known why mounding occurs in the vicinity of building 2.	
7.	Are all the wells used in the contour map screened in the same water-bearing zone? If no, justify inclusion of those wells.	⊠Yes □No
8.	Were the ground water contours ☐ computer generated, ☐ computer aided, or ☐ hand-drawn? If computer aided or generated, identify the interpolation method(s) used.	
	Minimum curvature method.	

GROUND WATER MONITO	RING WELL CERTIFICAT	ION-FORM B - LOCATI	ON CERTIFICATION
Name of Permitee:	HEXCEL		
Name of Facility:	FINE ORGANICS		
Location:	240 MAIN ST.		
NJDEP'S Number:	LODI, NJ 07644	,	
LAND SURVEYOR'S CER	rification		
	(As assigned by NJDEP 609-984-6831): permanently affixed	's Water	
Longitude (one-tenth	of a second):	West	
Latitude (one-tenth		North	
Elevation of Top of			
(one-hundredth of	a foot):	28.45	
Owners Well Number (,
application of pla	ns):	MW-22	· · · · · · · · · · · · · · · · · · ·
AUTHENTICATION			
I certify under per familiar with the attachments and that responsible for obinformation is true, significant penaltic possibility of fine appropriate property of the professional Land Surpersonal Land Surperso	information submit , based on my inquir taining the inform , accurate, and comp es for submitting and imprisonment.	tted in this do y of those individation, I believe plete. I am aware	cument and all uals immediately the submitted that there are
	/		
John C. Richardso	on, Jr., P.L.S.	SEA	Ľ
PROFESSIONAL LAND SUF			•
BOSWELL ENGINEER	RING		•
SOUTH HACKENSACK, NEW	JERSEY 07606		•
	_		
20789	· · · · · · · · · · · · · · · · · · ·		

The Department reserves the right in cases of violation of permit specified ground water limits or Ground Water Quality Standards (N.J./.A.C. 7:9-6.1 et. seq.) to require that wells be resurveyed to an accuracy of one-hundredth of a second latitude and longitude. This shall not be considered to require a major modification of the NJPDES Permit.

PROFESSIONAL LAND SURVEYOR'S LICENSE NO.

GROUND WATER MONITOR	ING WELL CERTIFICATION-	FORM B - LOCATION CERTIFICATION
Name of Permitee:	HEXCEL	
Name of Facility:	FINE ORGANICS	
Location:	240 MAIN ST.	
WIDED/C Numbers	LODI, NJ 07644	,
NJDEP'S Number:		
LAND SURVEYOR'S CERT	<u>IFICATION</u>	
Well Permit Number (A) Allocation Section, 6 This number must be p to the well casi	permanently affixed	Nater
Longitude (one-tenth	of a second):	West
Latitude (one-tenth o		North
Elevation of Top of C		
(one-hundredth of a		27.51
Owners Well Number (A application of plan		MW-23
application of plan	3).	
<u>AUTHENTICATION</u>		
familiar with the attachments and that, responsible for obt information is true,	information submitted based on my inquiry of aining the information accurate, and completes for submitting falso and imprisonment.	ve personally examined and amin this document and all those individuals immediately in, I believe the submitted a. I am aware that there are se information including the
John C. Richardson		SEAL
PROFESSIONAL LAND SURV		SEME
BOSWELL ENGINEERI		
SOUTH HACKENSACK, NEW		•
20700	-	
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PROFESSIONAL LAND SURV	LIUK'S LICENSE NU.	

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CROTIND WATER MONITO	RING WELL CERTIFICATION	N-FORM B - LOCA	TION CERTIFICATION
	HEXCEL		
Name of Permitee:			
Name of Facility:	FINE ORGANICS		
Location:	240 MAIN ST.		
NJDEP'S Number:	LODI, NJ 07644		
LAND SURVEYOR'S CER	TIFICATION		
Allocation Section,	permanently affixed	s Water - 	
Longitude (one-tent)	of a second):	West	
Latitude (one-tenth		North	***
Elevation of Top of		2102	
(one-hundredth of			26.51
Owners Well Number			
application of pla			MW-24
apprication or pro			
AUTHENTICATION	•		
familiar with the attachments and that responsible for obinification is true		ed in this of those indivi- tion, I believe ete. I am awa	locument and all iduals immediately re the submitted re that there are
John C. Richards PROFESSIONAL LAND SUI BOSWELL ENGINEER SOUTH HACKENSACK, NET	RVEYOR'S NAME RING	· SE	PAL
20700	-		

PROFESSIONAL LAND SURVEYOR'S LICENSE NO.

The Department reserves the right in cases of violation of permit specified ground water limits or Ground Water Quality Standards (N.J./.A.C. 7:9-6.1 et. seq.) to require that wells be resurveyed to an accuracy of one-hundredth of a second latitude and longitude. This shall not be considered to require a major modification of the NJPDES Permit.

GROUND WATER MONITORING WELL CERTIFICATION-FO	RM B - LOCATION CERTIFICATION
Name of Permitee: HEXCEL	
Name of Facility: FINE ORGANICS	
Location: 240 MAIN ST.	
NJDEP'S Number: LODI, NJ 07644	
LAND SURVEYOR'S CERTIFICATION	
Well Permit Number (As assigned by NJDEP's Wat Allocation Section, 609-984-6831): This number must be permanently affixed to the well casing.	er -
Longitude (one-tenth of a second):	West
Latitude (one-tenth of a second):	North
Elevation of Top of Casing (cap off)	
(one-hundredth of a foot):	26.25
Owners Well Number (As shown on the	
application of plans):	RW 7-1
AUTHENTICATION I certify under penalty of law that I have familiar with the information submitted attachments and that, based on my inquiry of tresponsible for obtaining the information, information is true, accurate, and complete. significant penalties for submitting false possibility of fine and imprisonment.	in this document and all those individuals immediately I believe the submitted I am aware that there are
Chu Challengi	
PROFESSIONAL LAND SURVEYOR'S SIGNATURE	
John C. Richardson, Jr., P.L.S.	SEAL
PROFESSIONAL LAND SURVEYOR'S NAME BOSWELL ENGINEERING	,
SOUTH HACKENSACK, NEW JERSEY 07606	
20789	-
PROFESSIONAL LAND SURVEYOR'S LICENSE NO.	

The Department reserves the right in cases of violation of permit specified ground water limits or Ground Water Quality Standards (N.J./.A.C. 7:9-6.1 et. seq.) to require that wells be resurveyed to an accuracy of one-hundredth of a second latitude and longitude. This shall not be considered to require a major modification of the NJPDES Permit.

Contour Map Reporting Form

Site Name: Former Hexcel Facility, Lodi, NJ Project No.: 94039 Figure No. (with contours) File: \tables\wldata\contourd				
1.	Did any surveyed well casing elevations change from the previous If yes, attach new "Well Certification -Form B" and identify the rechange (damage to casing, installation of recovery system in monit	ason for the elevation	⊠Yes □No	
	Well casing elevation changed at MW-26. The casing elevation confidence of the well's surface protection.	hanged due to renovations	S.	
2.	Are there any monitor wells in unconfined aquifers in which the wahigher than the top of the well screen? If yes, identify these wells.	ater table elevation is	□Yes □No	
	Not applicable because confined aquifer.			
3.	Are there any monitor wells present at the site but omitted from the Unless the omission of the well(s) has been previously approved by the omissions.		□Yes ⊠No	
4.	Are there any monitor wells containing separate phase product duri	ng this measuring event?	□Yes ⊠No	
	Were any of the monitor wells with separate phase product include contour map?	d in the ground water	□Yes	
	If yes show the formula used to correct the water table elevation.		□No	
5.	Has the ground water flow direction changed more than 45 degree ground water contour map? If yes, discuss the reasons for the change.	s from the previous	□Yes ⊠No	
6.	Has ground water mounding and/or depressions been identified in contour map? Unless the ground water mounds and/or depressions are caused by remediation system, discuss the reasons for this occurrence.	_	□Yes ⊠No	
7.	Are all the wells used in the contour map screened in the same wat	er-bearing zone?	⊠Yes	

•	If no, justify inclusion of those wells.	□No
8.	Were the ground water contours ☐ computer generated, ☐ computer aided, or ☐ hand-drawn? If computer aided or generated, identify the interpolation method(s) used.	
	Kriging method.	

GROUND WATER MONITO	RING WELL CERTIFICATION-F	ORM B - LOCATIO	N CERTIFICATION
Name of Permitee:	HEXCEL		
Name of Facility:	FINE ORGANICS		
Location:	240 MAIN ST.		
•	LODI, NJ 07644		
NJDEP'S Number:		,	
LAND SURVEYOR'S CER	<u> </u>		
Allocation Section,	permanently affixed	ater ———	
Longitude (one-tenth	of a second):	West	
Latitude (one-tenth		North	
Elevation of Top of (one-hundredth of		28.85	
Owners Well Number (application of pla	As shown on the		
familiar with the attachments and that responsible for ob information is true,		in this docu those individua n, I believe . I am aware	ment and all als immediately the submitted that there are
John C. Richardso PROFESSIONAL LAND SUF BOSWELL ENGINEER SOUTH HACKENSACK, NEW	RVEYOR'S NAME RING	SEAL	
20789	-		

The Department reserves the right in cases of violation of permit specified ground water limits or Ground Water Quality Standards (N.J./.A.C. 7:9-6.1 et. seq.) to require that wells be resurveyed to an accuracy of one-hundredth of a second latitude and longitude. This shall not be considered to require a major modification of the NJPDES Permit.

PROFESSIONAL LAND SURVEYOR'S LICENSE NO.

Appendix B

| **GEO** Engineering

Appendix B

The following table summarizes all disposal documentation for treated ground water for January, February and March 1995. Copies of the manifests are included.

Date Accepted at Disposal Facility	State Manifest Document Number	Quantity of Treated Ground Water (Gallons)	Comments
1/3/95	NJA 1982943	3,500	
1/4/95	NJA 2034111	3,500	
1/27/95	NJA 2034150	3,500	Replacement for manifest NJA 1982945
3/22/95	NJA 2074690	3,950	

Note that manifests are arranged in order of increasing State Manifest Document Numbers.



State of New Jersey Department of Environmental Protection and Energy Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

se type of print in block letters. (Form design	the state of the s	(12-pitch) typewriter.)	2.4475,4%		Form	Approved OMB	No. 2050-00:	39. Expires 9-30
UNIFORM HAZARDOUS	1. Generator's U	US EPA ID No.		anifest iment No.	2. Pag	. Intornie		shaded areas
WASTE MANIFEST	lu I lo lo la	16 5 8 4 1 3	400	lololi	of	is not	equired by	Federal law.
3. Generator's Name and Mailing Address	HEXCELL C	ORPORATION		a beginning to be	A SIA	N JA		9/0
205 MAIN ST.	The state of the s	till og statet lætte i Grundstate		ىدىن ئىدىن ئىدىن ئۇغۇرلارغارغان				
LODI, NJ 07644			a i	vi or a second description		Gicana alor si L		MIGIGSSI)
4 Generator's Phone (31/201) 472-	6800	6. US EPA	ID Number		4.40	- 2010	Company Company	
5. Transporter 1 Company Name				1 . 1949 	1.0.304 YE	entrans×ID-NJD	CONTRACTOR OF THE PERSON OF TH	ALTERS
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Designated Facility Name and Site Address	a ranka a ranka	10. US EPA	D Number		(1250) BI	r Trans: ID NAD		e kaco
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DUPONT CHAMBERS WORKS		:		2000 AV		e Facility s ID-iC		970
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Water >41.1%			77.04	0.0		101	2010	2 Had
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 GENERATOR'S CERTIFICATION: I hereby conclusion of the control of the								
government regulations.			ا مانات سامانی	i La companya di Salahiran	: عادات المعاد	e de la companya de La companya de la co		
1f I am a large quantity generator, I certify the economically practicable and that I have selecture threat to human health and the entitle.	etec the practicable t	n place to reduce the v method of teatment, s	orage, or di	spogal/cyrre	aste gen Votly aya	erated to the dec	minimizes	the present an
future threat to human health and the enflor the best waste management method that is:	ment QR, lif I am als available to me and t	Anjall quantity gentrate that I can afford.	n have ma	de a glopod f	AVI effor	minimize thy	waste gener	ration and selec
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Fasility Owner or Operator: Certification of re	ceipt of hazardous n	naterials covered by th	is manifest	except as n	oted in I	tepf 19.	1/2-	th, Day - Yea
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State of New Jersey Department of Environmental Protection and Energy Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421 gned for use on elite (12-pitch) typewriter.)

	UNIFORM HAZARDOUS WASTE MANIFEST Waste type of printing block letters. (Form designed for use on elite (12-pitch) typewriter.) Generator's US EPA ID No. Waste MANIFEST Manifest Waste MANIFEST	2. Page 1 Information in the shaded areas is not required by Federal law.					
	3. Generator's Name and Mailing Address HEXCELL CURPORATION 205 MAIN STREET O7644 6001, NEW TONSEY 07644	Assistance for the contract of					
	4. Generator's Phone (201) 472-6800 5. Transporter 1 Company Name 6. US EPA ID Number	TO SCALE PLANTS DE NOTE DE LA CONTROL DE LA					
	AMERICAN INDUSTRIAL MARINE SIMM JD 98 1873 66 9 7. Transporter 2 Company Name 8. US EPA ID Number	indicate the second of the sec					
	9: Designated Facility Name and Site Address 10. US EPA ID Number	Sand States Berl Stall Designer St. 191					
	POUTE 130 DEFINATER N. T 08023 WTP 0083 PS 730 11: US DOT Description (Including Proper Shipping Name, Hazard Class or Division,						
	HM ID Number and Packing Group) No. No. No.	Total Unit Waste No.					
G	NA 3082 PE III (FOO2, FOO), FOOD 001	TTX35006 6002					
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	Additional Descriptions to Material District Additional Section of the Committee of the Com	Para description of the first of the control of the					
	APP 1 A TOURNESS AND A PARTIE AND A PARTIES	Cores in hillerable interpretation of					
	15. Special Handling Instructions and Additional Information (DNTDACT # OWO ### PERIOSE # 12298						
	16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurate classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway government regulations.	described above by proper shipping name and are ly according to applicable international and national					
	If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of we accommically practicable and that have self-flee life practicable months of tree man, storage, or discussed in the control of the self-flee life best waste management method that is available to me and that I can afford.	aste generated to the degree I have determined to be any available to the works in injuries he present and this effort to him himself it easterness also and select					
	Printed Typed Name Signature Than I	Month Day Year X I X 395					
TRANS	17. Transporter 1 Acknowledgement of Receipt of Materials Printed Typed Name RING RING Signature	Month Day Year [X] IX 3 95					
ORTER	18: Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature	Month Day Year					
F	19. Discrepancy Indication Space ITEM & SHOULD HAVE DEPA ITEM H SHOULD BE 609-540-2773 ITE	M & SHOULD READ					
0-1-	PG: # 1 OF 1. ITEM IS SHOULD HAVE ENGH 31. 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as n	ITEM IT SHOWD HIGH HALLAN W					
Y	Printed/Typed Name Signature Signature	- Month Day Year UVUN 101195					
. E	PA Form 8700-22 (Rev. 9/88) Previous editions are obsolete SIGNATURE AND INFORMAT	882850029					



State of New Jersey Department of Environmental Protection and Energy Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

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An	Transporter 1 Company Name	ia/Mariaes	6. US E	PA ID Number 1/8/7/3	664	(4) B.27	ਜ਼ੋਜ਼ ਪਾDecat No	0.20130	10340
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R	POULC 130 PROPONATIONS	08023	NJDOD	2385		H. Facil			99-5000
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li e	government regulations. f I am a large quantity generator, I c economically practicable and that I h uture threat of human heighth and in	ave selected the practical environment. OR, if a	ible method of treatmer	it, storage, or d	lisposal curr	ently avail	lable to me which	h-minimi	zes the present and
L ti	he best waste manage name green und Printed/Typed Name	that is available to he	that our enjoya	HLF	11		EXC	I- L	Month Day Year
17. T	Fransporter 1 Acknowledgement of F	Receipt of Materials	2	two of		1			0/125195
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5 H Ja	OULD ENLY HAVE E ANGELONE S				TIEN	n 15	stown In	or.	E ERG#31
	acility Owner or Operator: Certificat		ous materials covered b	y this manifest	except as r	noted in It	eni 19.		
17	Printed/Typed Name	Chomo	Signature/	MALL	1.41	£1	Gnw	۸ ۱ <i>۲</i>	Month Day Year



State of New Jersey Department of Environmental Protection and Energy Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

CN 421, Trenton, NJ 08625-0421
Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

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UNIFORM HAZARDOUS WASTE MANIFEST 1. Generator's US EPA ID No.	Manifest Document No.	2. Page	I IIIIOI III		e shaded areas by Federal law.
3. Generator's Name and Mailing Address HEXCEL CORPORATION 205 MAIN ST.	V	A. State	Manifest Docu	ment Num 267	ACON
LODI NJ 07644		B. State	Generator sil	Gen: Site	e Address)
4. Generator's Phone (Za 1994) 472 4680 6. US EPA ID	Number	C. State	Trans. ID-NJD	EPE C IS	17 CE
FRIEHOLD CAST CORP. INC WIDOSAN	26164	D. Troo	Decar K	- 6	4338
- Marisporter 2 demparty Marine		1	sporter's Phone Trans: ID-NJD	IUX	462-100
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US DO - Sheyipton / Fielding Proper Shaper at the Hazard Class or Division.		H. Facili ainers	ty's Phone	914 5	40 2773
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(RO) HAZARDOUS WASTE, LIQUID , N.O.S. , 9	7)	(388	ا ر اد	garagasa Sanggasa Tagas
NA3082, PG III; (F001, F003)	001	77 3	950	9	F002
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Additional Descriptions for Materials Listed Above		K. Hand	lling Codes for	Wastes Li	sted Above
Additional Descriptions for Materials Listed Above LIT FOOL) FOOT 7 97% SISOLIDS 29 YOLATILE ORGANICS (1900 PCB < 3FFB		a. ¶	701	C	
d. Special Handling Instructions and Additional Information	· · · · · · · · · · · · · · · · · · ·	r b: `		d.	
CONTRACT# OWO ADOZ BEL-002 ERG#3/					
MHR PHONE 908462 100					
GENERATOR'S CENTIFICATION: I flereby declare that the contents of this consignment classified, packed, marked, and labeled, and are in all respects in proper condition for government regulations.	transport by highw	ay accord	ned above by ping to applicab	roper snipi le internat	ional and nationa
If I am a large quantity generator, I certify that I have a program in place to reduce the volt economically practicable and that I have selected the practicable method of treatment, stor	ume and toxicity of value. or disposal cur	vaste gene rently avail	erated to the de	gree I have	e determined to be
Outure threat to human health and the environment OR, if I am a small quantity generator, the est water the property of the pr	have made a good	faith effort	to minimize my	waste ger	neration and selec
Printed/Typed Name Signature	MA)		·, M	onth Day Yea
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